

CLAIMS

What is claimed is:

1. A food product for human consumption fortified with an isolated cytokinin, the food product further comprising an information that associates cytokinin content with modulation of glucose metabolism and optionally further with modulation of lipid metabolism.
2. The food product of claim 1 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
3. The food product of claim 1 wherein the cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
4. The food product of claim 1 wherein the product is selected from the group consisting of a cereal product, a snack bar, a prefabricated meal, a beverage, and a nutritional supplement.
5. The food product of claim 1 wherein the cytokinin is present in an amount of at least 0.5 mg per serving size or of at least 0.5 mg per recommended daily dose.
6. The food product of claim 1 wherein the cytokinin is selected from the group consisting of kinetin, zeatin, dihydrozeatin, and acetylguanine.
7. A food product for human consumption that is fortified with a cytokinin-containing composition, wherein the cytokinin-containing composition is present in the fortified product in an amount sufficient to achieve a predetermined quantity of a cytokinin in the fortified product, and wherein the food product further comprises an information that associates cytokinin content with modulation of glucose metabolism and optionally further with modulation of lipid metabolism.
8. The food product of claim 7 wherein at least a portion of the cytokinin-containing composition is prepared from a plant seed or from an algae.

9. The food product of claim 7 wherein the predetermined quantity of the cytokinin in the fortified product is at least 0.5 mg per serving size or at least 0.5 mg per recommended daily dose.
10. The food product of claim 7 wherein the product is selected from the group consisting of a cereal product, a snack bar, a beverage, and a nutritional supplement.
11. The food product of claim 7 wherein the cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
12. The food product of claim 7 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
13. A food product that is associated with a first information that the product includes a cytokinin, and wherein the product is further associated with a second information that the cytokinin modulates glucose metabolism and optionally further modulates lipid metabolism.
14. The food product of claim 13 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
15. The food product of claim 13 wherein the first information comprises a printed information that is located on a packaging element of the food product.
16. The food product of claim 13 wherein the second information comprises a printed information that is located on a packaging element of the food product.
17. The food product of claim 13 wherein at least one of the first and second information is associated with the product via an advertisement.
18. The food product of claim 17 wherein the advertisement is provided to a consumer via at least one of a printed publication, a television ad, and a radio ad.
19. A food product with a cytokinin content of at least 0.5 mg per serving size, wherein the food product is not a dietary supplement.

20. The food product of claim 19 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
21. The food product of claim 19 wherein the cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
22. The food product of claim 19 wherein the food product is a product selected from the group consisting of a cereal product, a bakery product, a beverage, and a prefabricated meal.
23. The food product of claim 19 further comprising an information that associates cytokinin content with modulation of at least one of glucose metabolism and lipid metabolism.
24. A dietary supplement with a cytokinin content of at least 0.5 mg per serving size and further comprising an information that associates cytokinin content with modulation of glucose metabolism and optionally further with modulation of lipid metabolism.
25. A method of marketing a food product for human consumption comprising providing information on a cytokinin content of the product.
26. The method of claim 25 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
27. The method of claim 25 wherein the cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
28. The method of claim 25 wherein the food product is selected from the group consisting of a cereal product, a snack bar, a prefabricated meal, a beverage, and a nutritional supplement.
29. The method of claim 25 further providing information that a cytokinin modulates at least one of glucose metabolism and lipid metabolism.

30. A method of marketing a food product comprising a step of increasing a cytokinin content of the product, and a further step of advertising the increased cytokinin content.
31. The method of claim 30 wherein the cytokinin content is increased by combining the food product with an isolated cytokinin.
32. The method of claim 31 wherein the isolated cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
33. The method of claim 30 wherein the cytokinin content is increased by combining the food product with a cytokinin-containing composition.
34. The method of claim 33 wherein at least a portion of the cytokinin-containing composition is prepared from a plant seed or from an algae.
35. The method of claim 30 wherein the increased cytokinin concentration is sufficient to modulate at least one of glucose metabolism and lipid metabolism.
36. A method of marketing a cytokinin comprising a step of providing information that the cytokinin modulates glucose metabolism and optionally further modulates lipid metabolism.
37. The method of claim 36 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
38. The method of claim 36 wherein the cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
39. A method of marketing a cytokinin-containing product comprising a step of determining a cytokinin content of the product, and further comprising a step of providing information that the cytokinin-containing product modulates at least one of glucose metabolism and lipid metabolism when administered to a mammal.
40. The method of claim 39 wherein the cytokinin-containing product is an unprocessed food product.

41. The method of claim 39 wherein the cytokinin-containing product includes a cytokinin selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
42. The method of claim 39 wherein the cytokinin-containing product is a product selected from the group consisting of a cereal product, a bakery product, a beverage, and a prefabricated meal.
43. A food product for human consumption fortified with a cytokinin other than a cytokinin riboside, wherein the food product further comprises an information that associates cytokinin content with modulation of lipid metabolism.